AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Previously presented) A system for processing ATM SVC signaling comprising:

an ATM switch directly connected to an end system, the ATM switch receiving an SVC connection request from the end system;

a non-switching capable controller connected to the ATM switch, the controller processing the SVC connection request including performing policy management for the ATM switch, the controller instructing the ATM switch to set up an SVC connection in response to the request received from the end system via the ATM switch;

a signaling channel terminating at the end system and at the controller, the signaling channel being routed through the ATM switch, the ATM switch receiving signaling, associated with the request, over the signaling channel, the ATM switch forwarding the signaling to the controller via the signaling channel; and

a proxy signaling channel terminating at the controller and at the ATM switch, the controller communicating proxy signals over the proxy signaling channel to instruct the switch to set up the SVC connection in response to the request received over the signaling channel.

2. (Original) The system as set forth in claim 1, in which the signaling channel further comprises a PVC.

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3. (Previously presented) The system as set forth in claim 1, further comprising a policy database communicating with the controller, the policy database storing policy information that is queried by the controller in response to the SVC connection request.

4. (Original) The system as set forth in claim 1, in which the end system further comprises an ATM SVC signaling device.

5. (Original) The system as set forth in claim 4, in which the signaling further comprises UNI signaling.

6. (Original) The system as set forth in claim 1, in which the proxy signal further comprises SVC connection protocol compliant signaling.

7. (Original) The system as set forth in claim 1, further comprising a second controller that becomes connected with the ATM switch when the controller becomes unavailable.

8. (Original) The system as set forth in claim 1, in which the ATM switch further comprises a plurality of switches, each ATM switch being connected to the controller.

9. (Original) The system as set forth in claim 1, in which the system intercepts IP packets and retrieves IP signaling for processing by the controller to support Internet Protocol.

10. (Original) The system as set forth in claim 1, further comprising an IWF gateway that converts non-system signaling into ATM signaling.

Claims 11-18 (Cancelled).